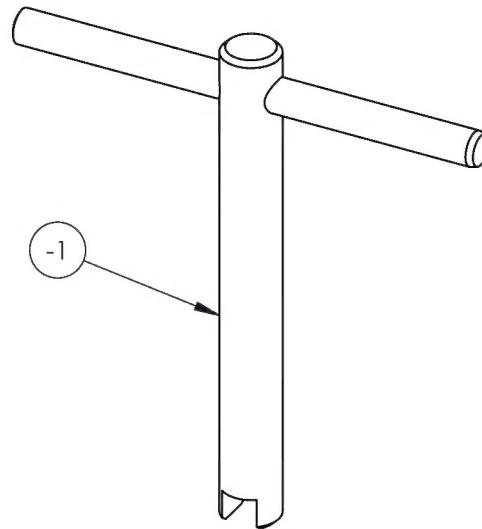


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	8/15/2016	DPD	JAG



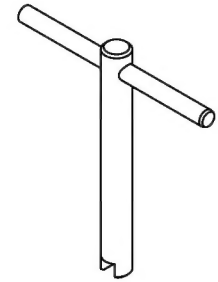
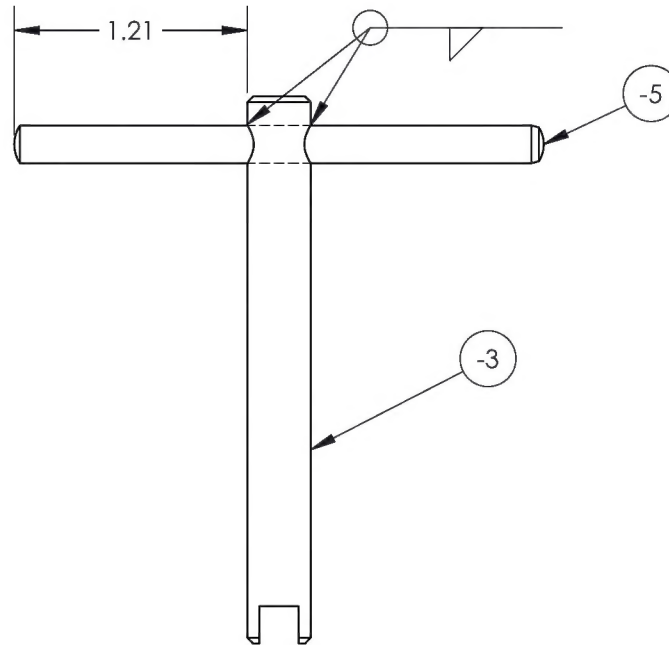
NOTE:  
REF. EUROCOPTER T/N: 8814164002.

<b>DART AEROSPACE</b>																									
TITLE <b>SPECIAL WRENCH</b>																									
DWG NO. <b>RBE8814164002</b>	REV <b>1</b>																								
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td></td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125°</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY: DUERFELDT</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>CHECKED: CLOUGH</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>USED ON MODEL</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>EC145</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td></td> </tr> <tr> <td>SCALE 1:1</td> <td>DATE 7/21/2016</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH	.XXX ± .005 FRACTIONS ± 1/8		.XX ± .01 ANGLES ± 5°		.X ± .1 SURFACES = 125°	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	OPPS APPR: ANDERSON	USED ON MODEL	QA APPR: LINDSAY	EC145	APPROVED: GILBERT		SCALE 1:1	DATE 7/21/2016
MAT'L	UNLESS OTHERWISE SPECIFIED																								
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APPROVED: GILBERT																									
SCALE 1:1	DATE 7/21/2016																								

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WRENCH WELDMENT			2
	1		-3		WRENCH SHAFT	4140/4142		3
	1	B/O	-5		DOWEL PIN	STEEL	M5 X 70mm (MCMaster-CARR #91595A399)	2
	ASSY -1							

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



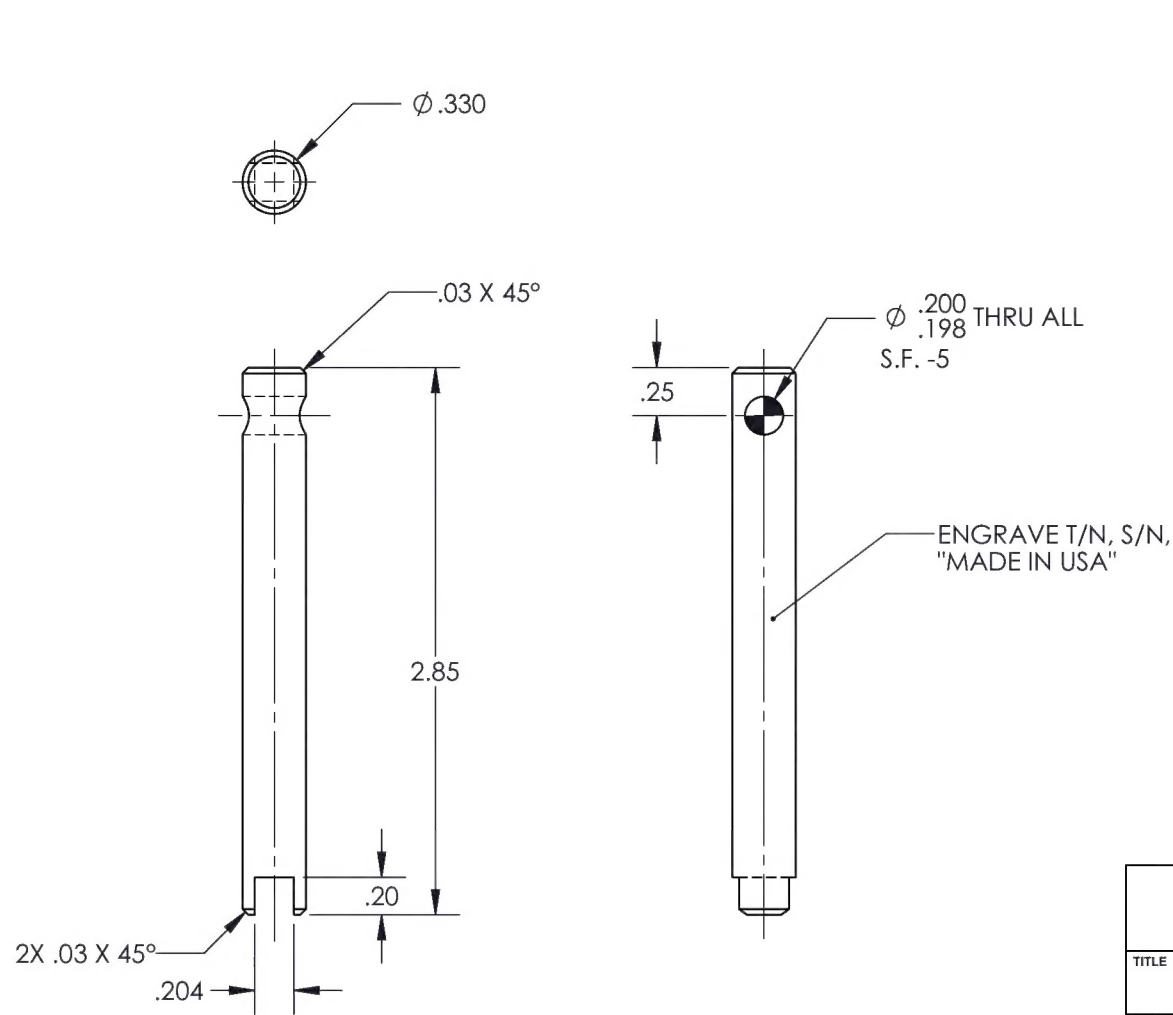
(-1)

WRENCH WELDMENT

<b>DART</b> AEROSPACE	
TITLE <b>SPECIAL WRENCH</b>	
DWG NO. <b>RBE8814164002-1</b>	REV <b>1</b>
MAT'L REPT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL
CHECKED: <b>CLOUGH</b>	EC145
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:1</b>	DATE <b>7/21/2016</b>
SHEET 2 OF 3	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-3)  
WRENCH SHAFT

<b>DART</b> AEROSPACE	
TITLE <b>SPECIAL WRENCH</b>	
DWG NO. <b>RBE8814164002-3</b>	REV <b>1</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-32	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 7/21/2016
	SHEET 3 OF 3